

CLAIM AMENDMENTS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 11. (Canceled).

12. (Currently Amended) A method for routing a telephone call over a voice and data network, the method comprising:

receiving a call from a remote communication device at a telecommunications gateway (TCG), wherein the call is directed to a called telephone number associated with the TCG and with a telephone physically coupled to the TCG;

determining whether the call is to be redirected as a voice and data network (VDN) call, wherein the determination is made based on whether a caller is authorized to use the VDN;

when the caller is authorized to use the VDN, redirecting the call ~~is to be redirected~~ as a VDN call, converting the call at the TCG into a format compatible with the VDN and connecting the converted call to a destination device via the VDN; and

when the caller is not authorized to use the VDN, ~~call is not authorized to be redirected as a VDN call,~~ allowing the call to proceed by connecting the call to the telephone physically connected to the TCG.

13. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 12, wherein the call is received from a plain old telephone.

14. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 12, wherein the call is received from a mobile device.

15. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 14, wherein the mobile device comprises at least one of a wireless telephone, a wireless personal data assistant, and a computer having a wireless network interface card.

16. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 14, wherein the call from the mobile device is routed via a public switched telephone network prior to routing the call to the TCG.

17. (Canceled).

18. (Original) The method for routing a telephone call over a voice and data network of claim 12, wherein the voice and data network is the Internet.

19. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 12, further comprising receiving a VDN call designator via the call, wherein determining whether the call is to be redirected as a VDN call comprises determining whether the VDN designator is received.

20. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 19, wherein the VDN designator comprises information indicating selection of one or more keys at a telephone keypad.

21. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 20, further comprising:

prompting a calling device for a VDN designator; and
determining that the call is a VDN call when the VDN designator is received.

22. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 21, wherein the VDN designator comprises information indicating selection of one or more keys at a telephone keypad.

23. (Canceled).

24. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 12, further comprising capturing caller ID data associated with the call to determine whether the call is authorized to be redirected as a VDN call.

25. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 12, further comprising determining the destination device before transferring the converted call to the destination device, wherein determining the destination device comprises sending a dialing signal to a calling device and receiving a calling code associated with the destination device from the calling device.

26. (Previously Presented) The method for routing a telephone call over a voice and data network of claim 12, wherein the call comprises a calling code for the destination device and wherein transferring the call to the destination device comprises using the calling code to address data packets to the destination device.

27. – 34. (Canceled).

35. (Currently Amended) A device comprising:

a processor; and

memory accessible to the processor, the memory comprising:

instructions executable by the processor to receive an incoming call directed to a telephone number associated with a location of the device;

instructions executable by the processor to determine whether the incoming call is a call to a remote destination device;

instructions executable by the processor to determine whether a caller is authorized to use a voice and data network (VDN);

instructions executable by the processor to allow the call to proceed by connecting ~~connect~~ the call to a telephone physically connected to the device when the caller is not authorized to use the VDN; ~~incoming call is not authorized to be sent to the remote destination device;~~ and

instructions executable by the processor to convert the incoming call to a format compatible with ~~[[a]]~~ the voice and data network (VDN) and to send the converted incoming call to the remote destination device via the VDN when the caller is authorized to use the VDN ~~incoming call is a call to the remote destination device.~~

36. (Previously Presented) The device of claim 35, wherein the memory further comprises instructions executable by the processor to connect the incoming call to the telephone connected to the device when the incoming call is not authorized to be sent to the remote destination device.

37. (Previously Presented) The device of claim 35, wherein the memory further comprises instructions executable by the processor to receive a destination address of the remote destination device via the incoming call.

38. (Previously Presented) The device of claim 37, wherein, when no destination address is received, the incoming call is connected to the telephone physically connected to the device.

39. (Currently Amended) The device of claim 35, wherein sending the converted incoming call to the remote destination comprises converting voice data received via the incoming call into a stream of data packets addressed to the remote destination device and sending the stream of data packets via the VDN to the remote destination device.

40. (Previously Presented) The device of claim 35, wherein the memory further comprises instructions executable by the processor to authenticate a caller based at least partially on caller ID information received via the incoming call.

41. (Previously Presented) The device of claim 35, wherein the memory further comprises instructions executable by the processor to authenticate a caller based at least partially on an electronic serial number of a calling device.

42. (Previously Presented) The device of claim 35, wherein the incoming call is received via a connection to a public switch telephone network and wherein the VDN comprises an Internet.

43. (Currently Amended) The device of claim 35, further comprising:
a connector to connect to a public switched telephone network;
a connector to connect to the telephone device; and
a connector to connect to the voice and data network.

44. (Previously Presented) The device of claim 35, wherein the memory further comprises instructions executable by the processor to receive a signal indicating that the incoming call is not directed to the telephone.